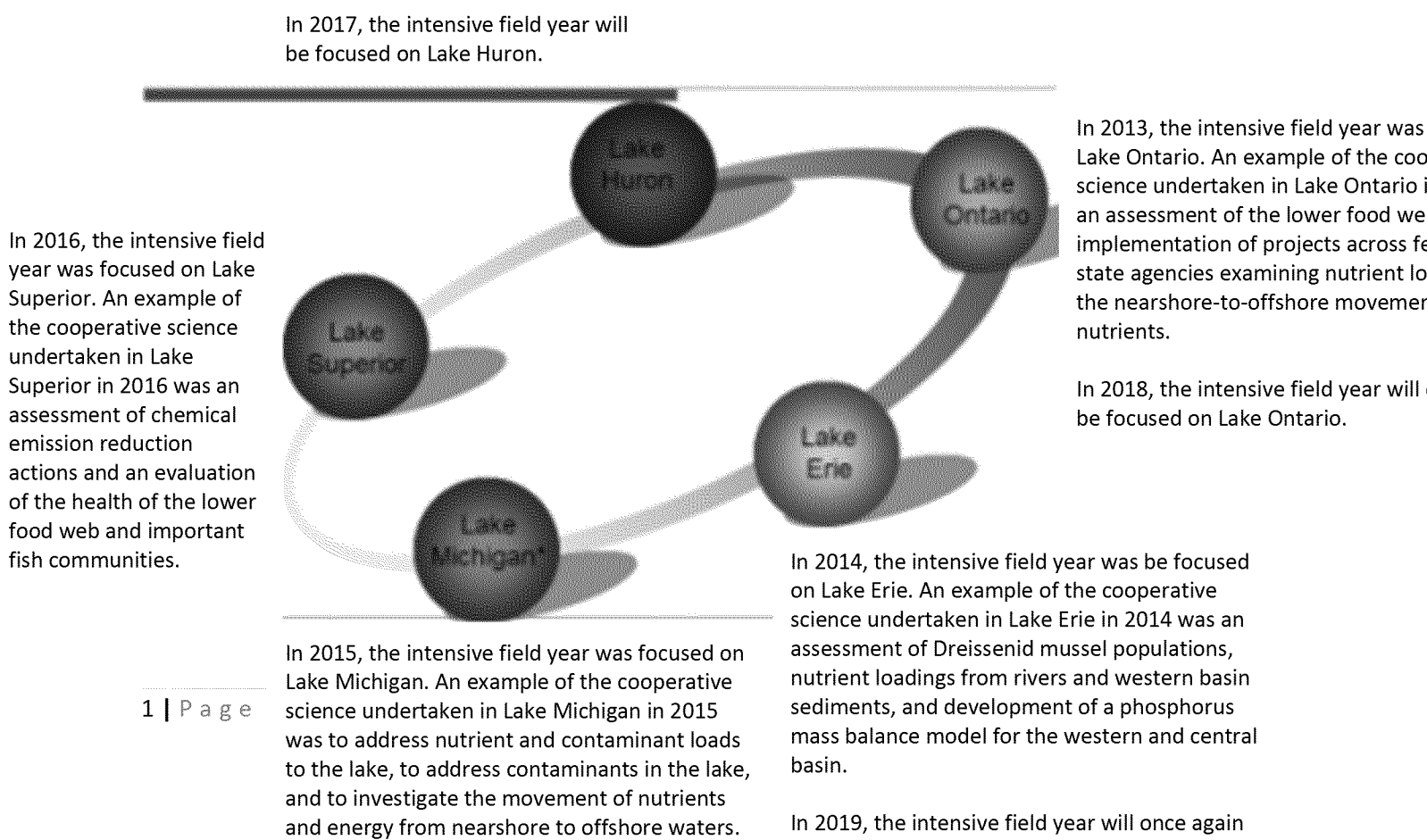


Implementing a cooperative science and monitoring initiative for each of the Great Lakes on a five-year rotational basis.

- The Cooperative Science and Monitoring Initiative (CSMI) was developed under the 1987 GLWQA in order to binationally coordinate the research and monitoring activities being undertaken in the Great Lakes basin and to ensure that the necessary science is efficiently provided to support Great Lakes decision-making and management actions. Each year, as part of the CSMI, U.S. and Canadian organizations assess one of the Great Lakes during that Lake's intensive CSMI field year. This emphasis on one Great Lake per year allows for enhanced coordination of research and monitoring activities, as well as the cooperation on specific science assessments, in that particular Great Lake during that year. This intensive CSMI field year follows a five year rotating cycle (as shown in Figure 15).
- The CSMI process includes the following steps leading up to and following the intensive field year: 1) identification of research and monitoring needs and other science priorities to assess threats to Great Lakes water quality and support management actions; 2) planning, which involves working with governmental and academic scientists to develop and coordinate specific research activities for Great Lake in question; 3) undertaking the coordinated monitoring and cooperative science assessments (i.e. intensive field year); 4) laboratory analysis; 5) data analysis and reporting; and, 6) final report and communicating out.

Figure 15 – The Cooperative Science and Monitoring Initiative rotational cycle.



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